

ABSTRACT

A control apparatus for an electric motor, in which a current controller giving multiphase voltage commands to a drive circuit for an inverter includes a normal-mode current controller for use in a normal mode, an abnormal-mode current controller for use in an abnormal mode, and an abnormality decision device. In a case of an abnormality occurring to one phase of an electric motor or the inverter, the controller is altered, and the abnormal-mode multiphase voltage commands which are generated by the abnormal-mode current controller are set as the multiphase voltage commands for the inverter drive circuit.